

Peak District National Park

Forecast valid from 06:00 on Thursday 17 Jun 2021 until 23:59 on Friday 18 Jun 2021

Forecast Issued on Thursday 17 Jun 2021 at 00:16

Confidence: High confidence for the transition to more unsettled conditions. Low for the timing and extent of precipitation.

Headline for Thursday 17 Jun 2021: A generally cloudy day with possible rain and showers, especially in the morning. Brighter later.

Mountain weather hazards on Thursday 17 Jun 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light rain	Light rain	Light rain	Light rain showers	Sunny	Sunny
Precipitation probability					
30%	40%	50%	30%	00%	00%

Forecast for Thursday 17 Jun 2021

Weather: A cloudy start with a chance of a few showers or some patchy light rain. The rest of the day will continue mostly cloudy with any rain or showers clearing eastwards and during the afternoon and evening some bright or sunny spells will develop across most parts of the Park.

Chance of cloud free mountain/hill tops above 600m: 50% with broken cloud bases around 400m covering most summits, improving through the morning after dawn to become 100% by late morning.

Visibility: Moderate at first and in any rain and showers Thursday morning, and very poor for a time across summits, otherwise good or very good for much of daylight hours during Thursday.

Forecast for Thursday 17 Jun 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/10 N	7/10 NW	9/12 NW	11/15 NW	11/16 NW	8/13 NW	7/12 W
300	6/9 NW	5/8 NW	7/10 NW	10/14 NW	10/16 NW	6/12 NW	5/10 W
Valley	4/8 NW	4/7 NW	5/10 NW	8/15 NW	9/16 NW	5/12 NW	4/10 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/9	10/9	12/10	13/11	13/11	11/9	9/8
300	12/11	12/12	14/13	16/14	16/14	14/12	11/10
Valley	13/12	14/13	16/15	17/15	16/14	13/12	11/10
Freezing Level*	3000m	3000m	2700m	2300m	2200m	2000m	2100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling quite a bit cooler on Thursday than previous days, especially across summits. Strong late afternoon sunshine.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 17 Jun 2021	N/A	N/A	N/A

Forecast for Friday 18 Jun 2021

Weather: A fine day is expected with some bright or sunny spells, but rather a lot of cloud is likely, this mostly remaining above the summits. Feeling rather warm in valleys early afternoon. During the afternoon and evening thickening cloud could bring some rain or showers, perhaps thundery, across from the south and east, but confidence is low for detail.

Maximum wind: NE 25-30mph.

Chance of cloud free mountain/hill tops above 600m: 70 to 100% with cloud bases likely to remain above the summits throughout the day.

Visibility: Good or very good becoming moderate in any rain or showers during the afternoon and evening.

Temperature: **Valleys:** Plus 12 degrees Celsius becoming Plus 21 degrees Celsius.
At 600m: Plus 8 degrees Celsius becoming Plus 12 degrees Celsius.
Freezing level: Well above the summits.